

~~10/923,271~~  
=====

10/565,296

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>

Uploading C:\Program Files\Stnexp\Queries\10565296.str

L1 STRUCTURE UPLOADED

=> ed

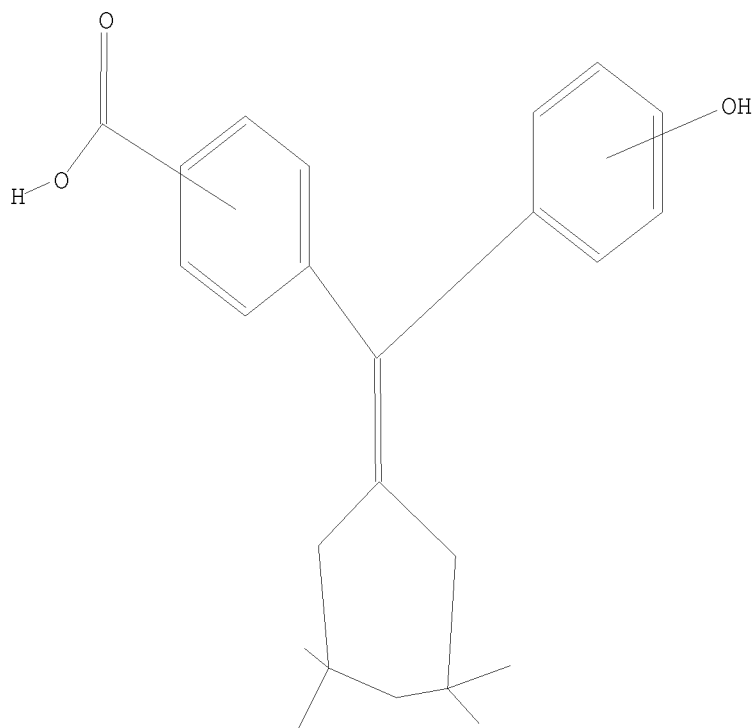
ED IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 full

REGISTRY INITIATED

10/923,271

Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 16:22:12 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 74 TO ITERATE

100.0% PROCESSED 74 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.01

L2 1 SEA SSS FUL L1

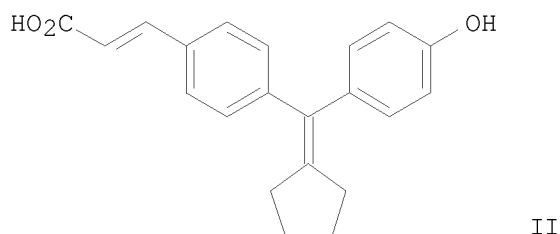
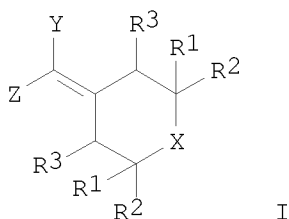
L3 1 L2

=> d ibib abs hitstr

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 2005:120863 CAPLUS  
DOCUMENT NUMBER: 142:219151  
TITLE: A preparation of derivatives of cycloalkylidene and  
(thio)pyranylidene, useful as estrogen receptor  
modulators  
INVENTOR(S): Britton, Jonathan E.; Fang, Jing; Heyer, Dennis;  
Miller, Aaron Bayne; Navas, Frank, III; Smalley,  
Terrence Lee, Jr.; Zuercher, William J.; Kalamreddy,  
Subba Reddy  
PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA  
SOURCE: PCT Int. Appl., 189 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005012220	A2	20050210	WO 2004-US24308	20040727
WO 2005012220	A3	20050324		
WO 2005012220	A9	20050519		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2004261627	A1	20050210	AU 2004-261627	20040727

AU 2004261627	B2	20080612		
CA 2533812	A1	20050210	CA 2004-2533812	20040727
EP 1667955	A2	20060614	EP 2004-779374	20040727
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR				
BR 2004013013	A	20061003	BR 2004-13013	20040727
CN 1856461	A	20061101	CN 2004-80027954	20040727
JP 2007500705	T	20070118	JP 2006-522021	20040727
RU 2345981	C2	20090210	RU 2006-101632	20040727
NO 2006000403	A	20060206	NO 2006-403	20060125
MX 2006001094	A	20060411	MX 2006-1094	20060127
KR 2006066070	A	20060615	KR 2006-701919	20060127
IN 2006KN00386	A	20070330	IN 2006-KN386	20060221
US 20070155839	A1	20070705	US 2007-565296	20070215
US 20070213348	A1	20070913	US 2007-748096	20070514
PRIORITY APPLN. INFO.:			US 2003-490588P	P 20030728
			WO 2004-US24308	W 20040727
			US 2007-565296	A1 20070215
OTHER SOURCE(S):			CASREACT 142:219151; MARPAT 142:219151	
GI				



AB The invention relates to a preparation of cyclohexane, pyran, or thiopyran of formula I [wherein: Y and Z are independently Ph derivs.; X is O, S, (CH<sub>2</sub>)<sub>0-3</sub>; or C(alkyl)<sub>2</sub>; R<sub>1</sub> and R<sub>2</sub> are independently selected from H or alkyl; each R<sub>3</sub> is H or both R<sub>3</sub>s together combine to form a bridging alkylene chain], useful as estrogen receptor modulators. For instance, cyclopentylidene derivative II was prepared via acrylation of 4-[(4-bromophenyl)(cyclopentylidene)methyl]phenol by tert-Bu acrylate and subsequent hydrolysis (yields: acrylation - 74%). The compds. of present invention exhibited pIC<sub>50</sub> values ranging from 10  $\mu$ M to 1 nM (competition binding assay).

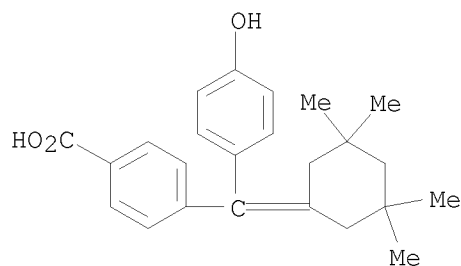
IT 843661-24-5P

10/923,271

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of cycloalkylidene and (thio)pyranylidene derivs. useful as estrogen receptor modulators)

RN 843661-24-5 CAPLUS

CN Benzoic acid, 4-[(4-hydroxyphenyl)(3,3,5,5-tetramethylcyclohexylidene)methyl]- (CA INDEX NAME)



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT